

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method for the recovery of gold from a leaching residue or intermediate product containing iron and sulphur, which is generated in the atmospheric chloride leaching of a copper sulphide raw material at atmospheric pressure, comprising leaching the gold from the residue or intermediate product in an aqueous solution of copper (II) chloride sodium chloride in at atmospheric pressure conditions with the aid of the bivalent copper contained in said solution and oxygen-containing gas, keeping the oxidation-reduction potential of the suspension formed at a value below 650 mV and the pH at a value of 1 - 3, whereby the iron and sulphur remain mainly undissolved; the dissolved gold is recovered and discarding the undissolved residue as waste.
2. (previously presented) A method according to claim 1, wherein the oxidation reduction potential is kept in the range of 530 - 620 mV.
3. (previously presented) A method according to claim 1, wherein the pH of the suspension is kept at a value of 1.5 - 2.5.
4. (currently amended) A method according to claim 1, wherein the amount of bivalent copper in the suspension is 40 - 100 [[g/l]] g/L.

5. (currently amended) A method according to claim 1, wherein the amount of sodium chloride in the suspension is 200 - 330 [[g/I]] g/L.

6. (previously presented) A method according to claim 1, wherein the temperature is kept in the range between 80°C and the boiling point of the suspension.

7. (previously presented) A method according to claim 1, wherein the oxygen containing gas is air.

8. (previously presented) A method according to claim 1, wherein the oxygen containing gas is oxygen-enriched air.

9. (previously presented) A method according to claim 1, wherein the oxygen containing gas is oxygen.

10. (previously presented) A method according to claim 1, wherein the dissolved gold is recovered using active carbon.

11. (previously presented) A method according to claim 1, wherein the dissolved gold is recovered by electrolysis.